

الاقتصاد التطبيقي

بين

المجالات العلمية المختلفة

د/ زينب صالح الأشوح

طبقا لقوانين الملكية الفكرية

جميع حقوق النشر و التوزيع الالكتروني لمذا المصنف محفوظة لكتب عربية. يحظر نقل أو إعادة بيع اى جزء من هذا المصنف و بثه الكترونيا (عبر الانترنت أو للمكتبات الالكترونية أو الأقراص المحجة أو اى وسيلة أخرى) دون الحصول على إذن كتابي من كتب عربية. حقوق الطبع الو رقى محفوظة للمؤلف أو ناشره طبقا للتعاقدات السارية.

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(Economics)"
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Men and society end up )
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(Standard) (Reference)

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(Natural Sciences)

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Chronic )
                             ( Disease
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(Interrelationship) High – cost users of) .(medical – care .(Outstrip)

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:A Balanced Diet

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Spices & Flavouris

(Spices & Flavouris)

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(Premature)		(Premature)
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(Cow's Milk) ٦٣

(Obesity) (Bottle milk)

(Semi – Solid foods)

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.(
                       ( Malnutrition ) "
                          (Under nutrition)
Non – Technical )
Malnutrition "
                                   (language
Inadequate )
                                ( nourishment
```

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.( Under feeding)
( Qualitive ) ( )
       ( Quantitative ) ( )
                     ) (Nutrition)
Mal") ( ) ("Under") (
      ( Under ) ( ) ("
    (Mal)
            ( Malnutrition )
```

```
( Disorder )
( Malnutrition ) "
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(Obesity) "
        :Shortage of food
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) (Wants)

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(The safe level) "
                           ( Meet or exceed )
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Balanced growth ()

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	(The rate of recovery)		: (
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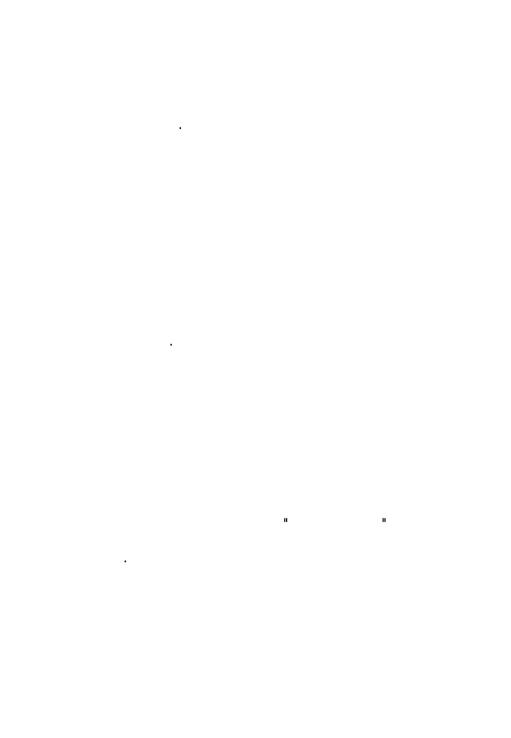
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( Quality )
( Life expectancy )
           (Efficiency)
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( Correlation )
( Analysis of Variance )
. ( Mutiple Regression )
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Human body

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			.(Measuring)	-
			(Evaluating)	-
Classifying	&)		-
			.(Interpreting	
	<u>:</u>		:	

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:( Data Collection technique )
Cross - sectional )
                             ( technique
Longitudinal )
                            ( technique
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.( Mixed technique )
Standard )
                             ( Measurements
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: :(Indicator)

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.(% of standards) Standard deviation) .(scores .(Percentiles)

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(Federico Gomez)

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(Mild)

(Moderate)

(Severe)

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(% ) (Derrick Jelliffe)
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(Normal):
%
                                %
                   (Wasting):
      %
                                %
%
                 (Stunting):
%
(Wasting/Stunting):
             %
                %
```

(Stunting)

```
.( Wasting)
                   (Chronic)
      (Acute)
(Current)
                           (Recent)
Overweight/ )
                            :( Obesity
        + %
           (Normal)
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      :( Moderate wasting )
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         :( Severe wasting )
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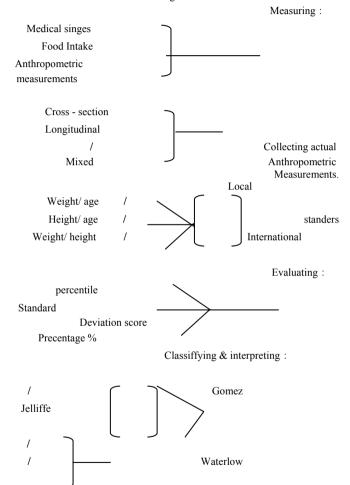
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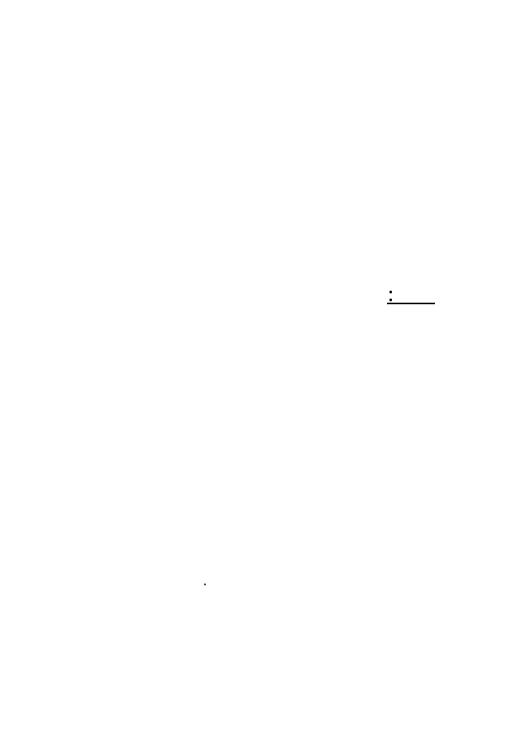
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The Process of assessing nutritional status





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Pilot study" -

Administration of a pilot

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(Unni Wikanm, 1944)

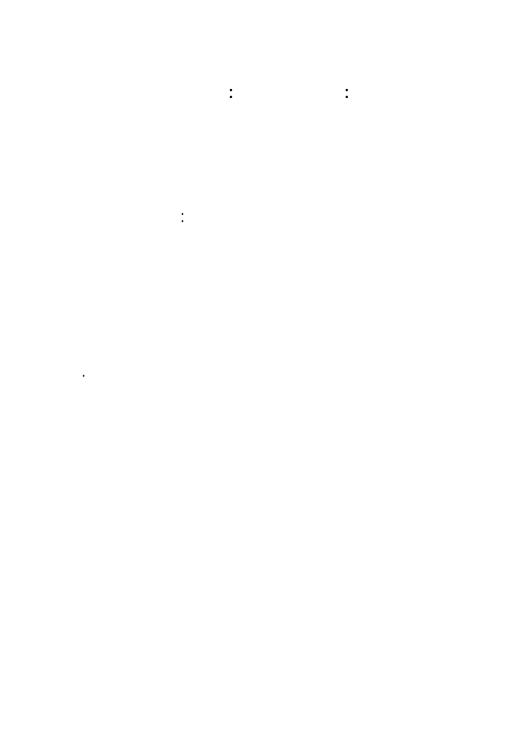
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Method of sample design : and selection

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× × Multi - stage) " (technique :
(Between)
(Within)
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The)
.(sampled cases

Moserc & Kalton G., 1949 p. 114)
.(Atkinson j, 1941; Reh E., 1947 pp ro - rv

.(Capmas., 19AY p. 70Y)

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Samphling Multi – stage cluster ) "

( parten M. ١٩٦٥, pp ٢٣٩ – ٢٤٢

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choosen because of its cosmopoltion

It. D been

(between) (within)

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(hetrogenous)
                .( Hamogenous )
( Affluent areas )
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(a proxy criterion)
( population density ) "
    ( Capmas, 19AY pp. 7, 7, 19)
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Posh and) (scarcely – populated н н н

(Unpriviledged & thinly populated)

(middle areas)

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.(Reh M. ١٩٧٦. p ٣٦)

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(Ideally)
( every other housing unit )
                       ( every other flat )
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Reh M. 1977 pp. ٣٥ - ٣٦; Arab )
              ( republic of Egypt, 194. p. o
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(a nuclear family)



```
(between)
                         (within)
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<u>Data collection & administration of</u> <u>:Questionnaire</u>

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(a preamble)

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.(Wikan A., 191.)

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(Closed) " "

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(Hainville G., 1944, p. 174)

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( Parten M., 1970.p.17" )
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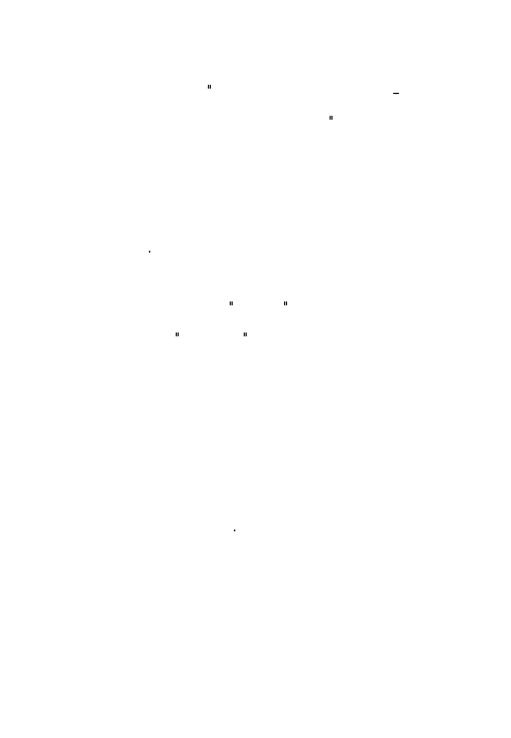
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(b - b n)
                (coefficients)
            (Residuals) (U)
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       :( Numerical variables )
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                       (Stepwise: )
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                  (Weight/age) W t
nuclear ) siz (food expenditure) fex
                                            (family
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(Dummy)
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Weight/ age = 1.9\% + ...\% pp + ...\% sec + ...\% Univ
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The reference )
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  : b " " Univ
     a + b 1 =
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R^{-\tau} R^{-\tau} The coefficient of multiple ) ( determination
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:(
( Equivalent worth )
     .( Present worth )
     .( Annual worth )
    .( future worth )
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.(Minimum attractive rate of return) (rate of return) .internal rate of return External rate of .return Explicit . reinvestment rate of return.

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(Strategic)
(Engineering alternatives)
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(Feasibility studies):
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			(Efficiency)
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(Explicit cost):	-
Opportunity cost) :	_
(Mean cost):	-
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(Margind cost) :	- -
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:Measures of Financial productivity

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                        (Efficiency)
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(Actual)) (Expected)

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(interpretation)
           ( sensitivity )
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(Uncertainity)

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<u>Time – mony relationships</u>

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( Time – Value)
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) .(Time Value of money)

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planning City) - (and Regional

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:(Civil Engineering)

:(Architecture)

:(Mining engineering) Petroleum) :(engineering :(Electrical engineering) Mechanical :(engineering

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Engineering system )

:( & Computer

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:( Medical engineering )

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( Cost/ beefit )
               ( Cost/ ifficiency )
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:(Economics	oi information

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(School of information studies)

(Syracuse)

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:(Accessibilty)

:(Camprehensiveness) :(Accuracy)

:(Appropriateness) :(time liness) :(Clarity)

:(Flexibility) :(Information sources) :(information definition)

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Primary) "	II .	(
	<u>:</u>		(sources
	.(Obs	servation)	-
	.(E	xperiment)	-
	.(Su	rvey)	-

(secondary) (company information) purchased outside) (sources (Publications) (Government agencies)

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(Disadvantages)	(Advantage)	
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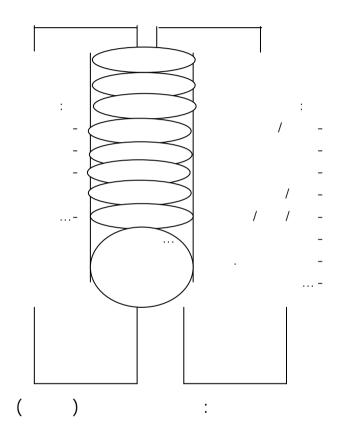
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:Cost of producing information

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: (Start up costs)	()
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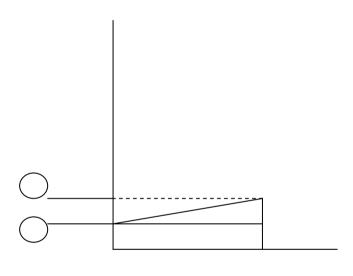
```
:( Development costs )
   :( Operating Costs )
```

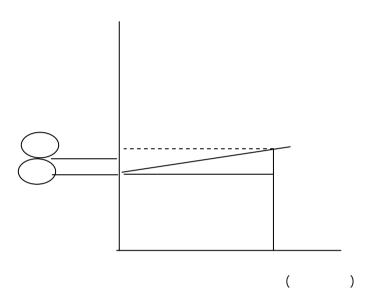
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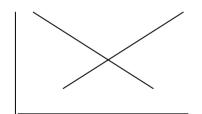
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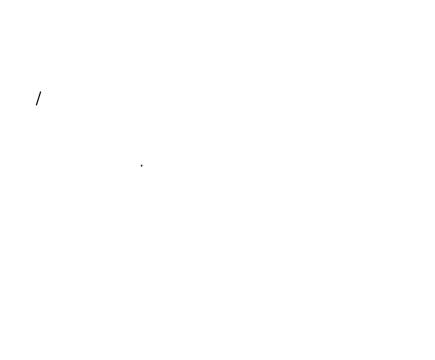
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(Data base)

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(Telecommunication)

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II II

<u>:</u>

(Artificial intelligent tool) "

```
(To be Familiar)
```

```
(Data)
(input data)
(processing)
(information)
(output data)
```

```
output
                                                   input
                                                            Data
information
                                    processing
                                                          ( Input
                                                           ( data
( output data )
```

·	· -
(Software)	(Hardware)
:(Hardware) : :Central proc	essing unit (C P U)

```
(Control Unit)
Arithmatic and logic )
                              (unit
( Main memory )
(Data)
               (Commands)
Read only (Rom)
                           :memory
```

```
Random Access (Ram)
                            : memory
                   :( Processor ) ( )
(Integrated Circuits)
                            ( Mega Hertz )
            :( Input units )
           :( Keyboard )
```

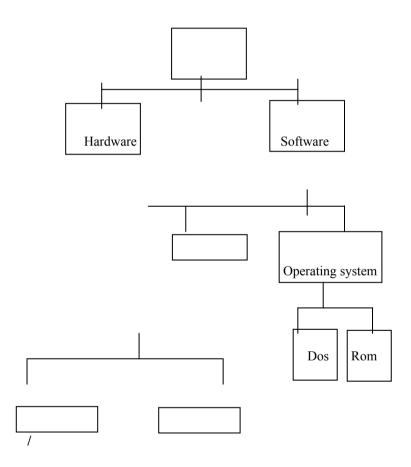
```
(Typing Keys)
     (Space Bar)
             (Curser)
             (Tab)
        (Letters)
       (Backspace)
(Caps Lock)
```

```
(Enter)
(Computer Keys)
               (insert)
                   (Delete)
                   ( Page up )
                   (Page Dn)
                    (End)
         .(
                   ( Home)
:( Numeric Keypad )
      :( Cursor keys )
```

```
:(Function keys)
(F 17)
                   (F)
        :( Mouse )
        (Cursor)
   .( Window )
       :( Scanner )
    :( output Units )
         (Monitor)
```

```
( Printer )
     (Storage devices)
              (Pulses)
              (O)
              ( Bit )
                        (bit)
(Byte)
                      (Bits)
     :( Software )
```

```
:( Operating system )
   (Dos)
                       (Unix)
:( Application Programs )
```



Computer Hardware Software Consists of Parts that you can see Computer Programs & touch Mechanical & electronic without which the Hardwares would Be use less Is a list of instructions that the comp Hardware follows Programs Operating System ready made Dos Rom User Programs programs Made for specific designed to collection of Purpose for one user programs written control the To be useful to a comp Number of people itself & its Various Kinds of operating System.

- Software is the " Mind " of machine, Hardware is a body without the mind, the body does not Know want to do.

:(Editing)

```
(Dos)
              ) " F ' "
 .(
     (Type my file. Book)
(I)
               (F )
.( Type my f)
```

```
( )
       " Ctrl + left Arrow "
    " Ctrl + right Arrow "
                                   ( )
              " Ctrl + End "
                                   ( )
             " Ctrl + Home "
                " Ctrl + C "
                                   ( )
.( ^ C)
       " Ctrl + Alt + Delete "
                                   ( )
            .( Power)
                      " Esc " ( )
```

" Ctrl, Alt " ()

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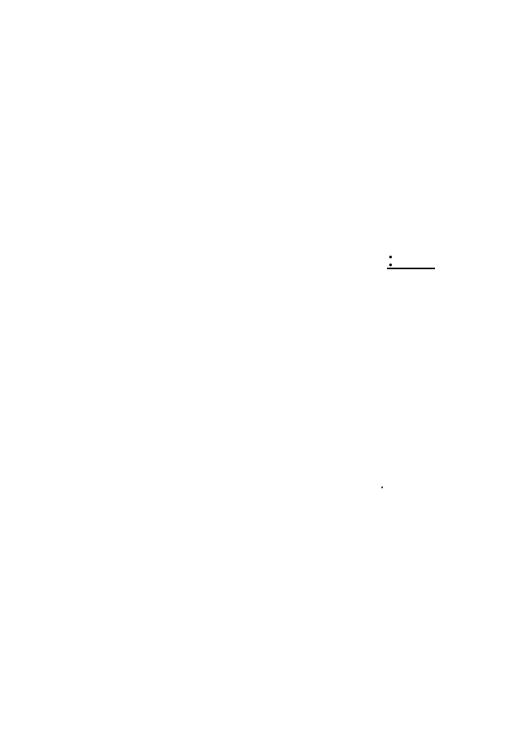
:(Internal Commands)

```
C:/> Time
      C:/> Current time is hh: mm: ss
      Enter new tim
                                  hh
        SS
                 mm
                   C:/> Date
      Current date is Tue 1 - 1 - 19 \( \text{\lambda}.
      Enter New date mm - dd - yy
                  dd
          уу
                                 mm
   (Version)
      C:/> Ver
 Ms – Dos Version ∘,•
C:/> ( Volum )
                                     Vol
     Volume in drive A (B-C) is islam
      C:/> Type file name. ext
Clear ) (
         C:/> C L S
                                 (Screen
```

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(C)
                            (D)
      C:/>D
      C:/> Copy file name \ file name \
          File name \
                               Copy
File
                                       name 7
                 ( nemo. Doc )
                    Letter. Doc
      C:/> Copy nemo. Doc D: letter. Doc
      \mathbf{C}
                     D
      C:/> copy D: **
```

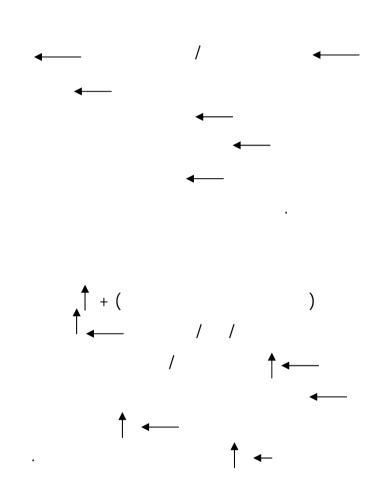
:(System analyst) (Design programmer) (Application programmer):

:(System programmer) Spss



:(Objectives)

```
:( output )
( Educational value added )
     :( Benefits ) (
```



```
:( Internal process )
                    :(inputs)
     .Monetary
                   Physical
```

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Efficien	ıcy Exteri	nal proc	ductiv	<u>rity</u>
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(immediate output)
Cumulative )
                                   ( Benefits
             ( Cost Benefit ratio )
```

. (Ultimate Benefits)

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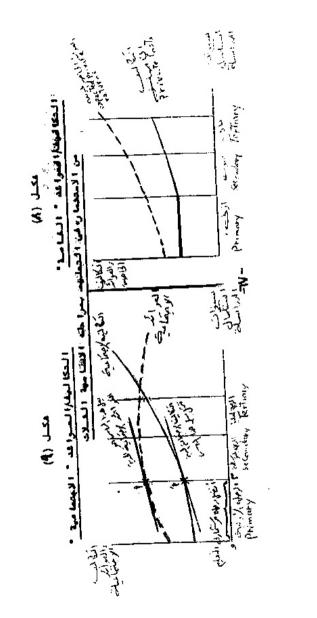
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```
( Private )
                                       .( Social )
                       :( Private )
( Opportunity cost
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.(
:( Social )
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(Personal motivation)
(Family connections)
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(Interaction) (
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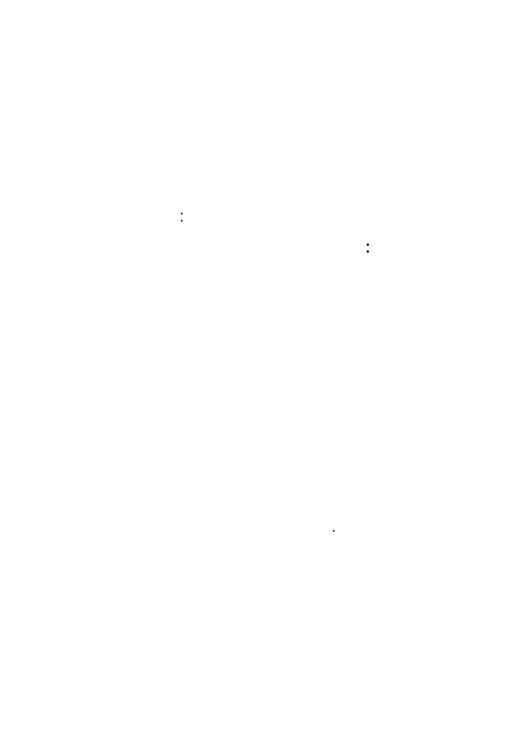
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(Anthrax)
:( Lignite ) :
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(Work)

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(Sir Francis Beaufort)

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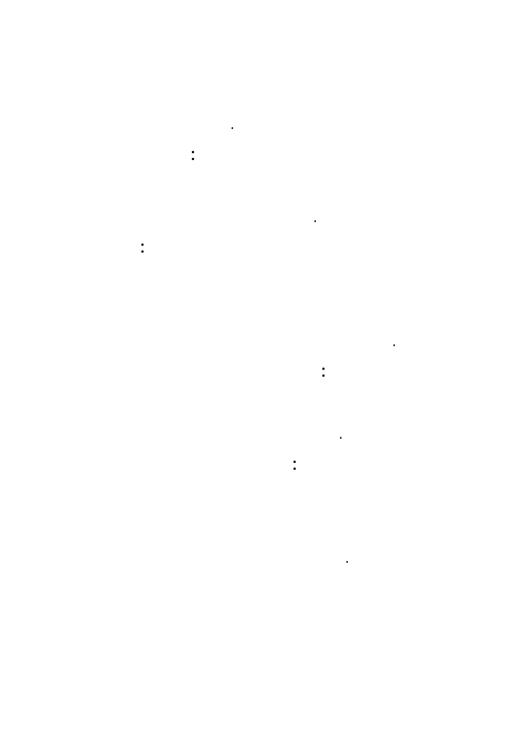
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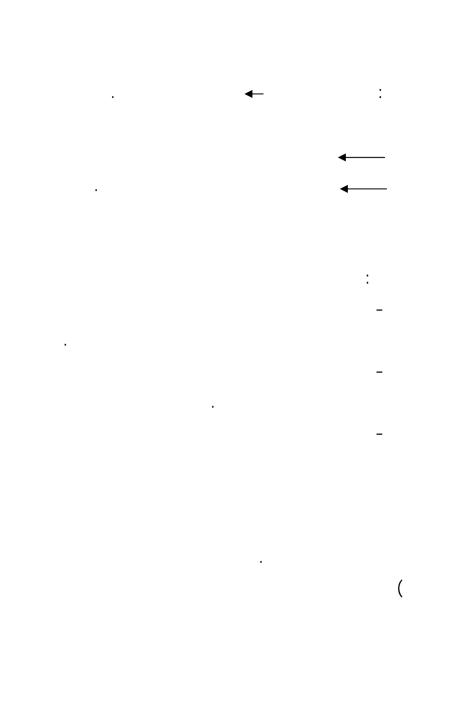
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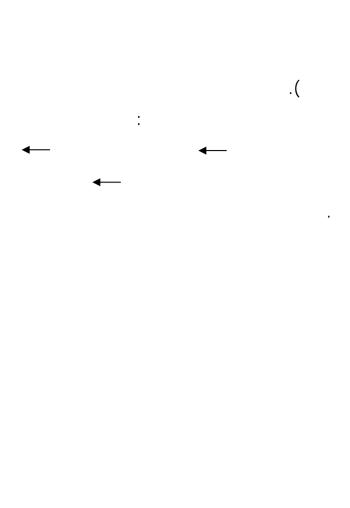
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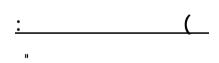
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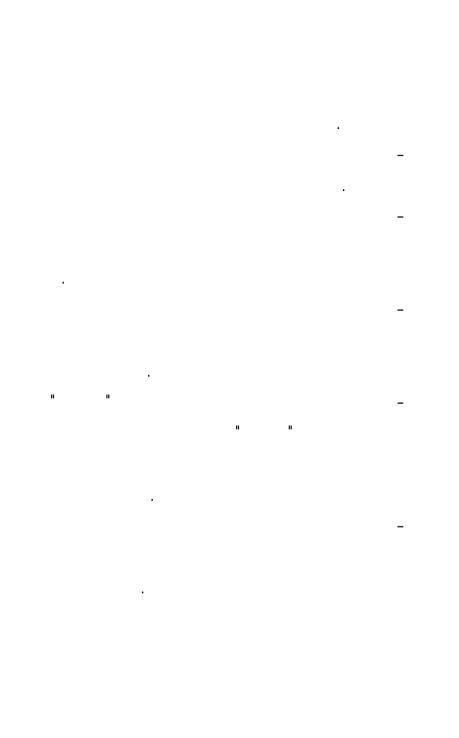
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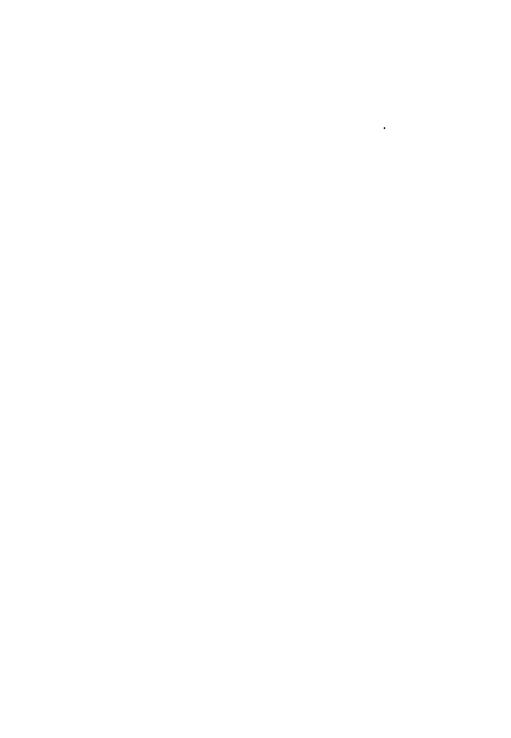
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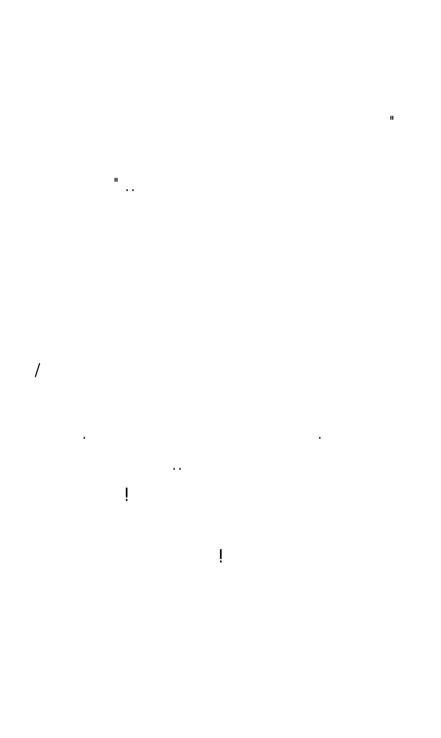
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